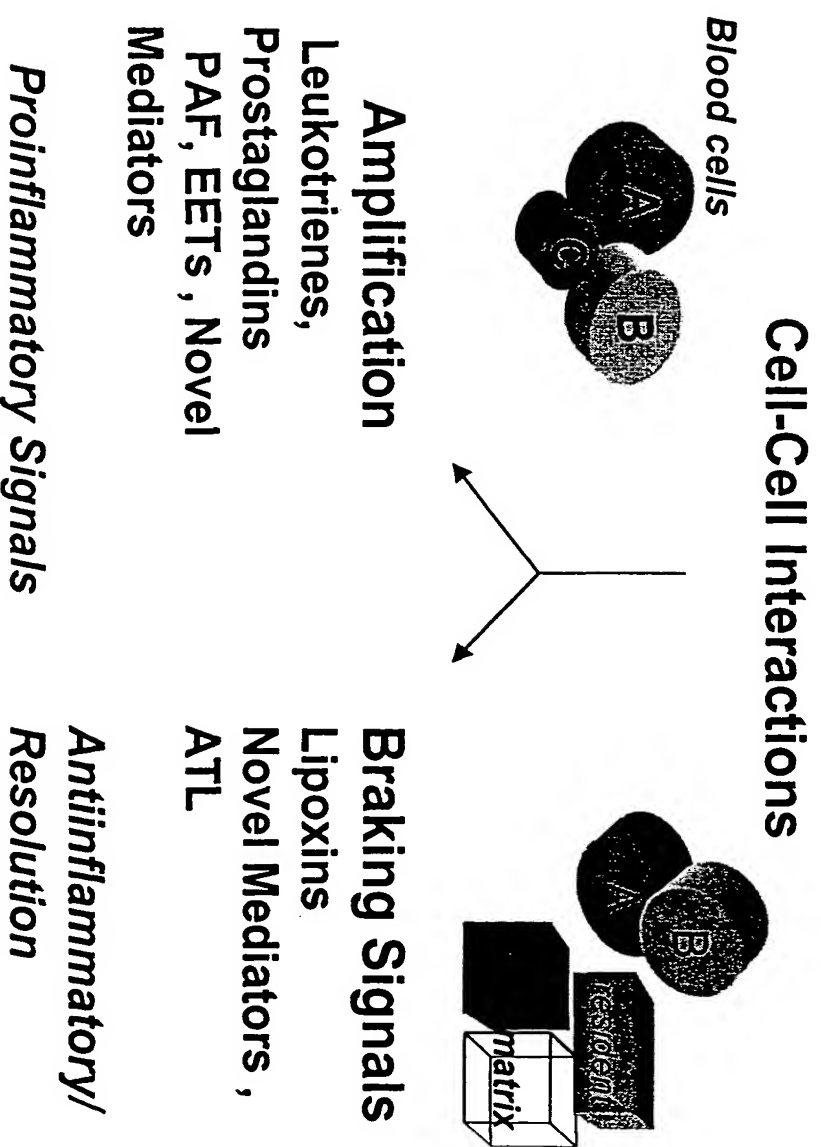
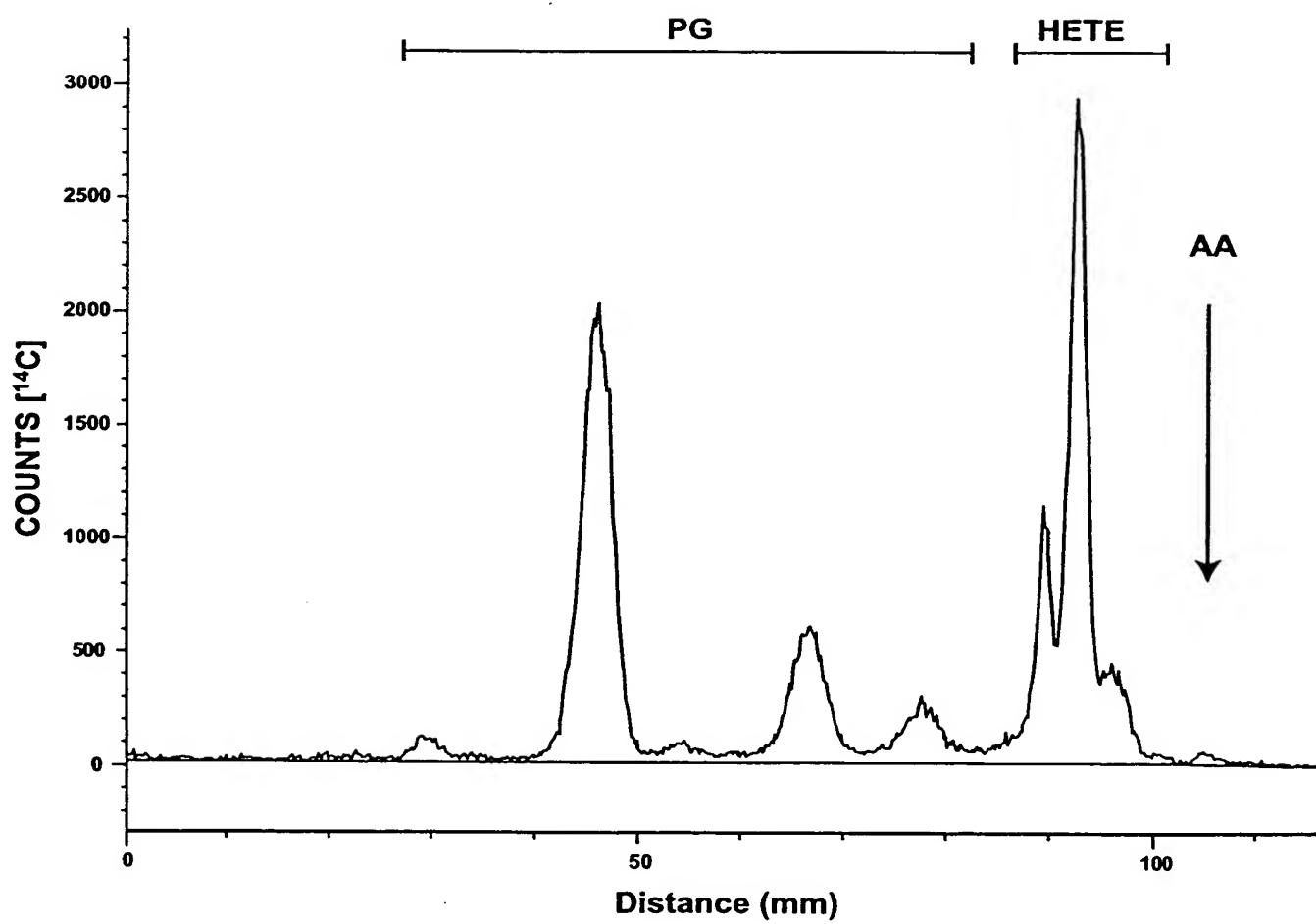


*FIG. 1*

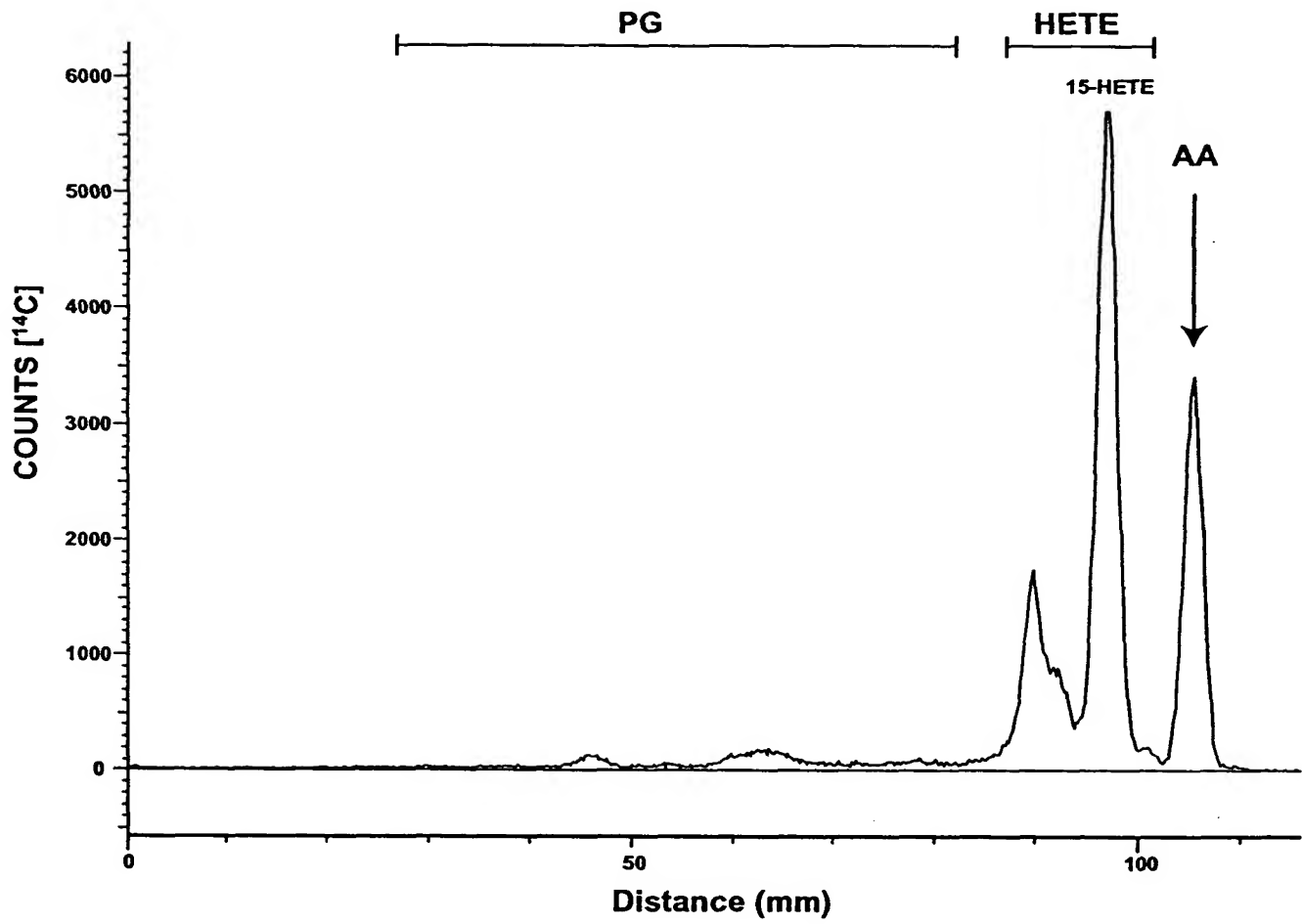
# Transcellular LM Biosynthesis



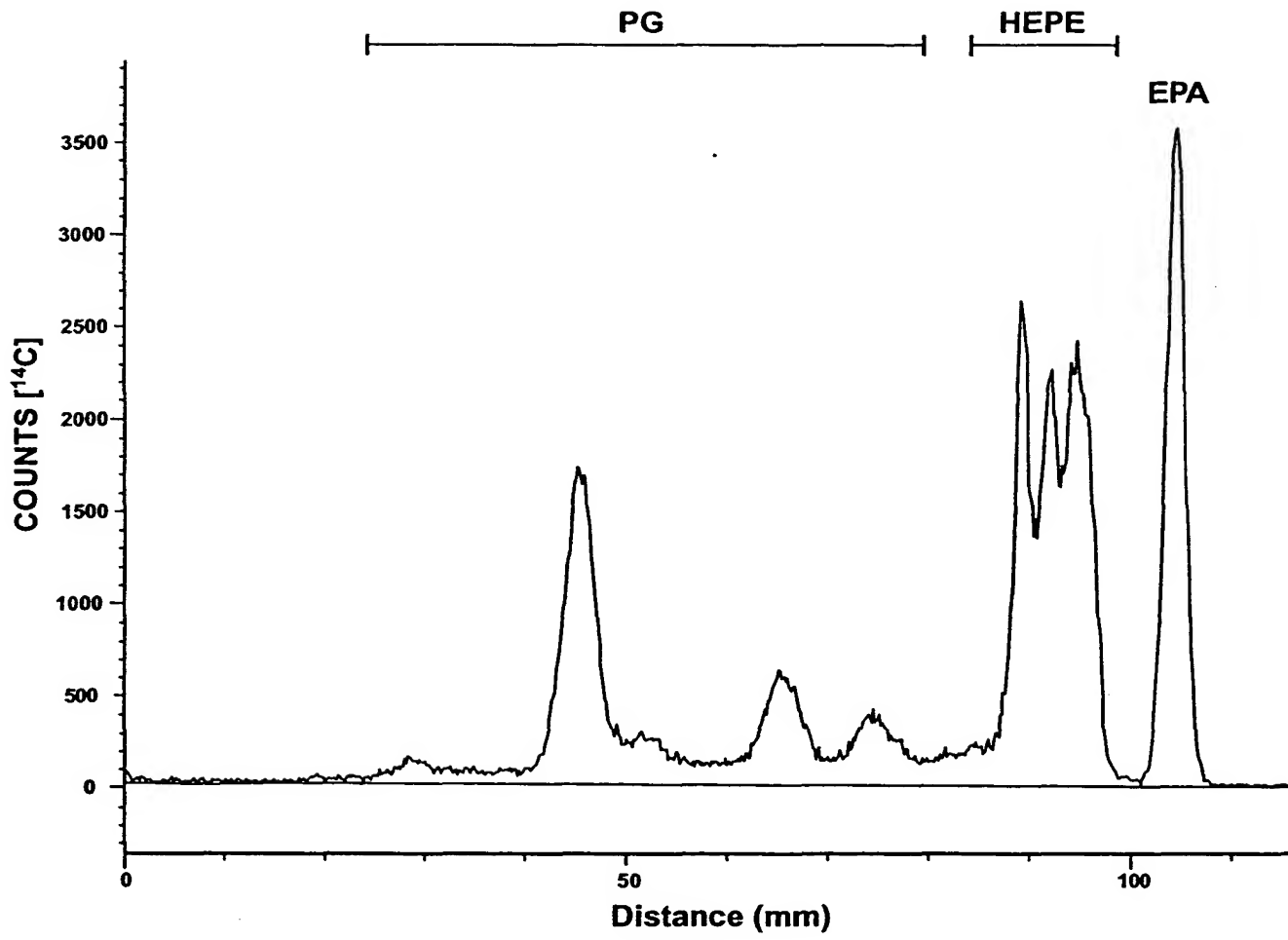
**FIG. 2A**



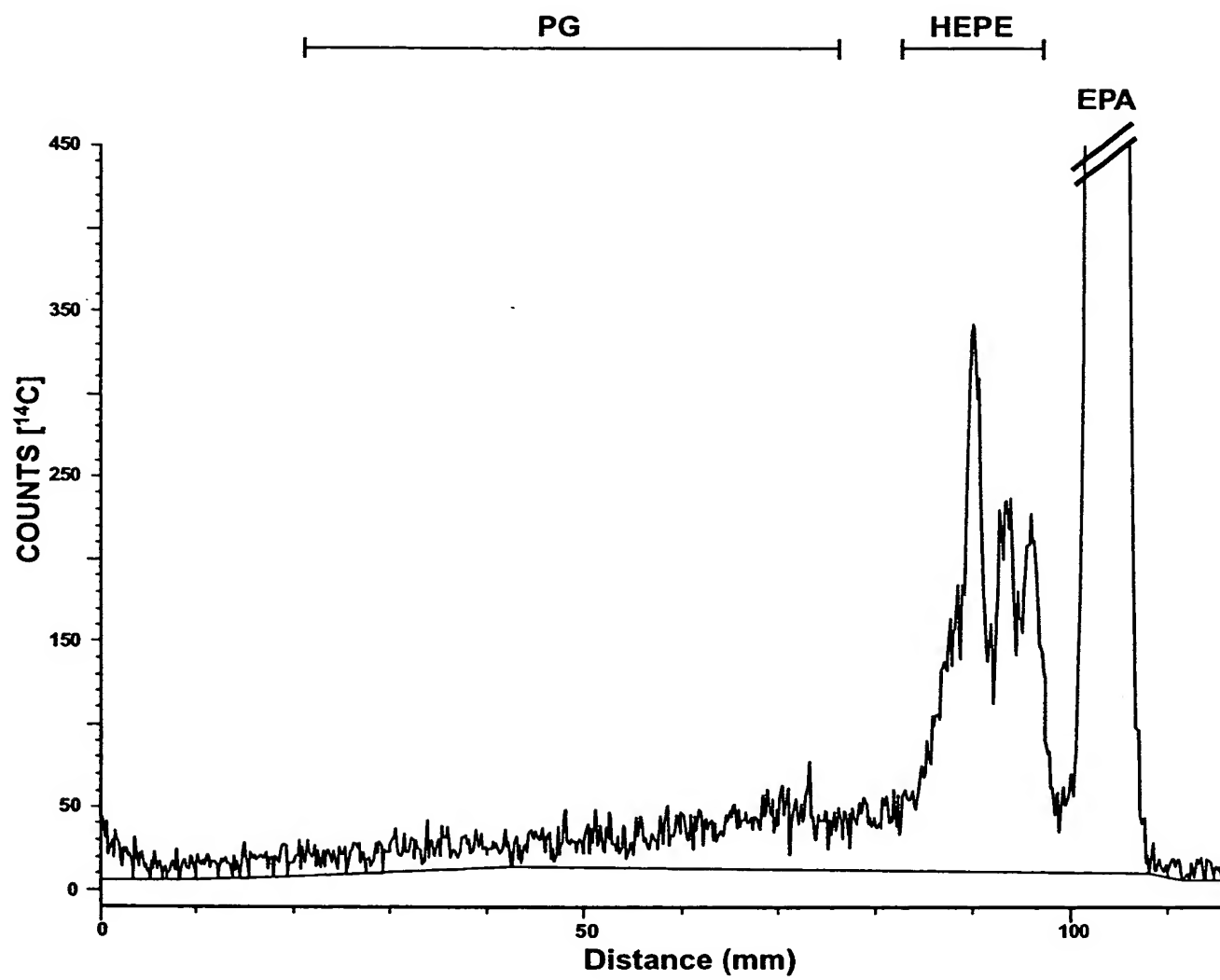
**FIG. 2B**



**FIG. 2C**

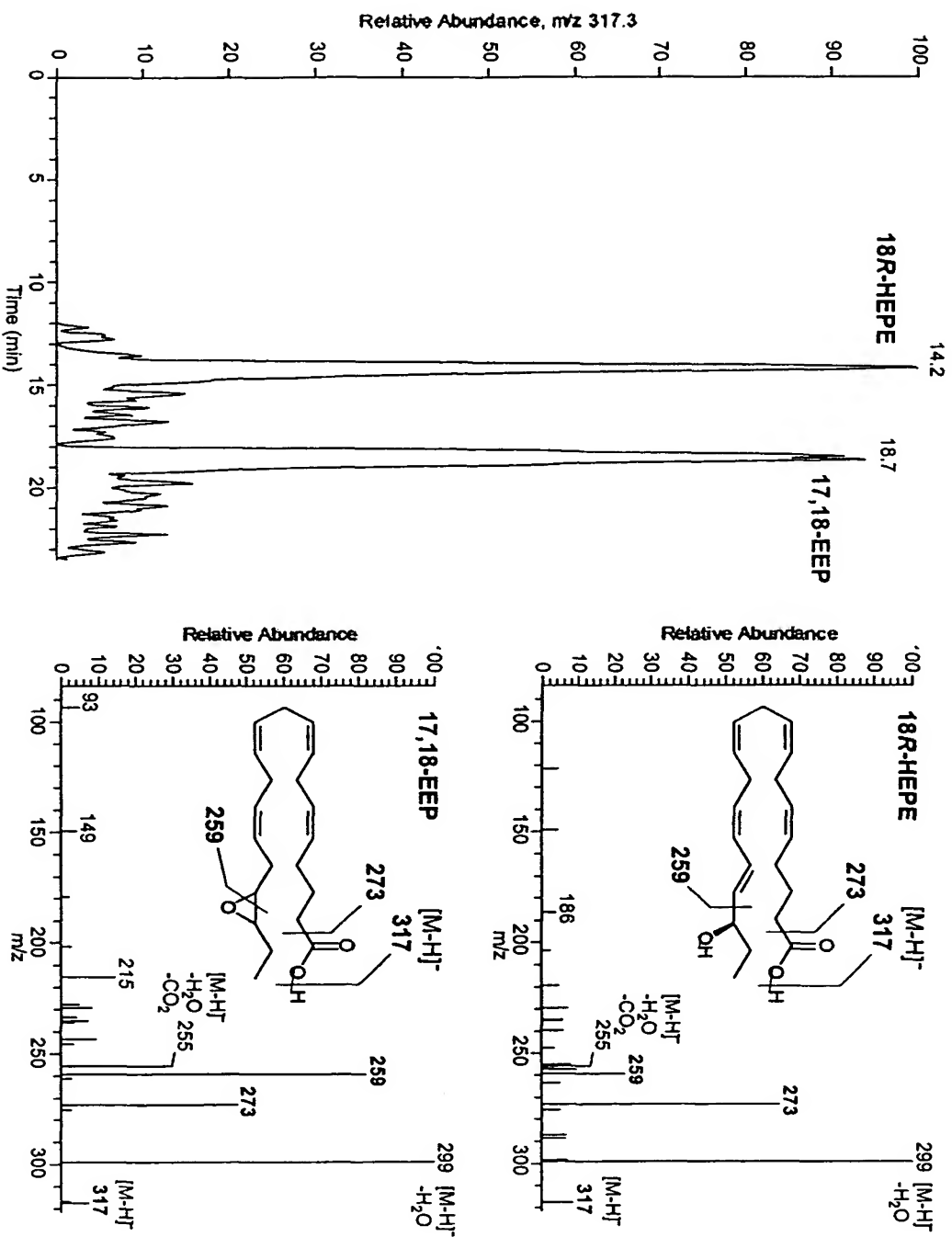


**FIG. 2D**

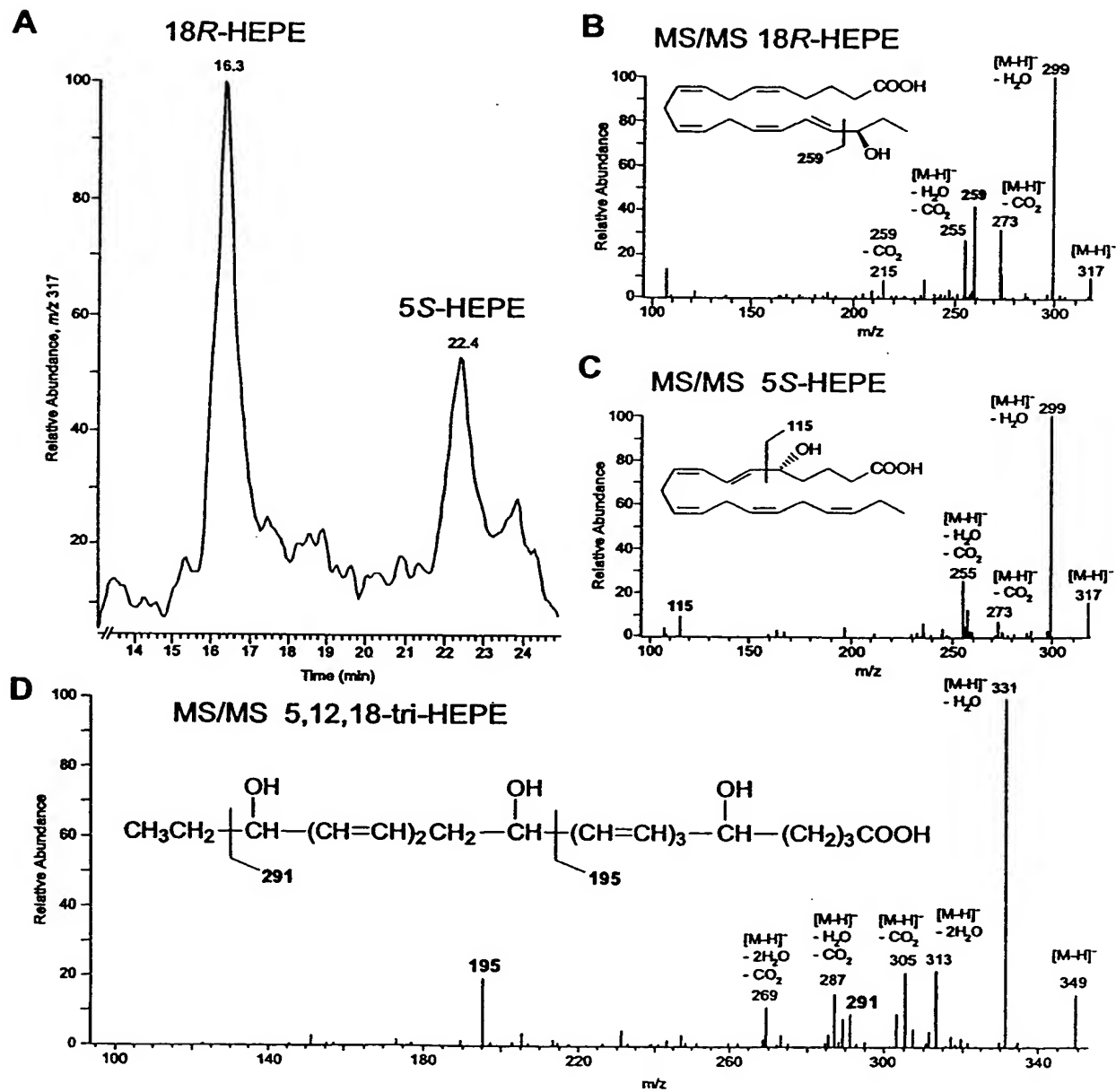


**FIG. 3**

Conversion of EPA by *B. megaterium*



**FIG. 4**



**FIG. 5**

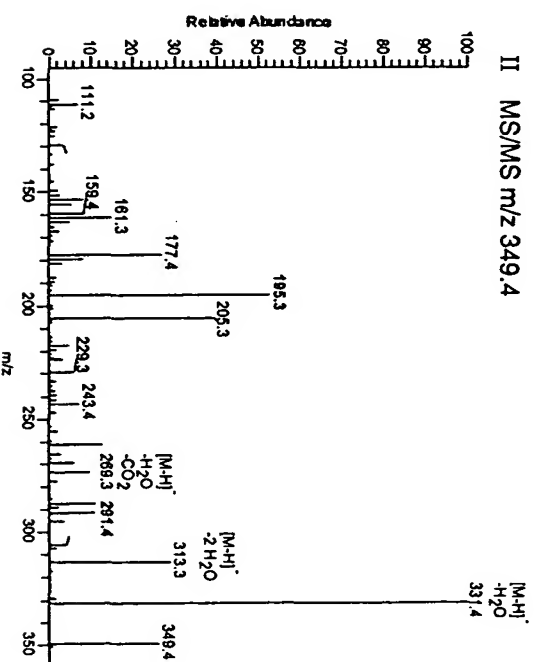
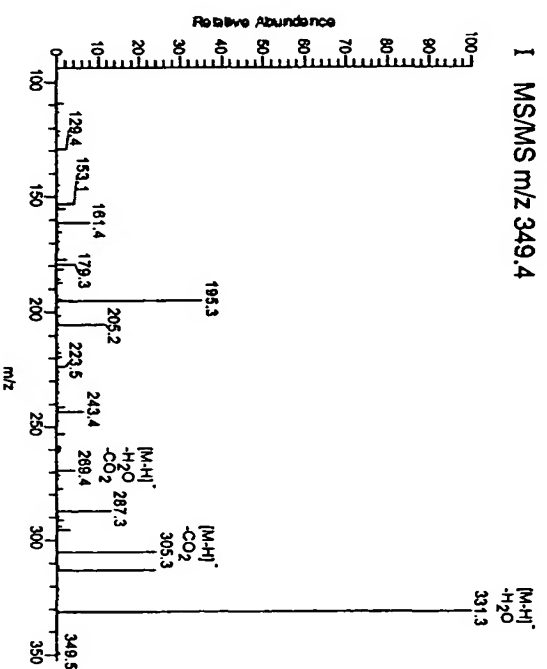
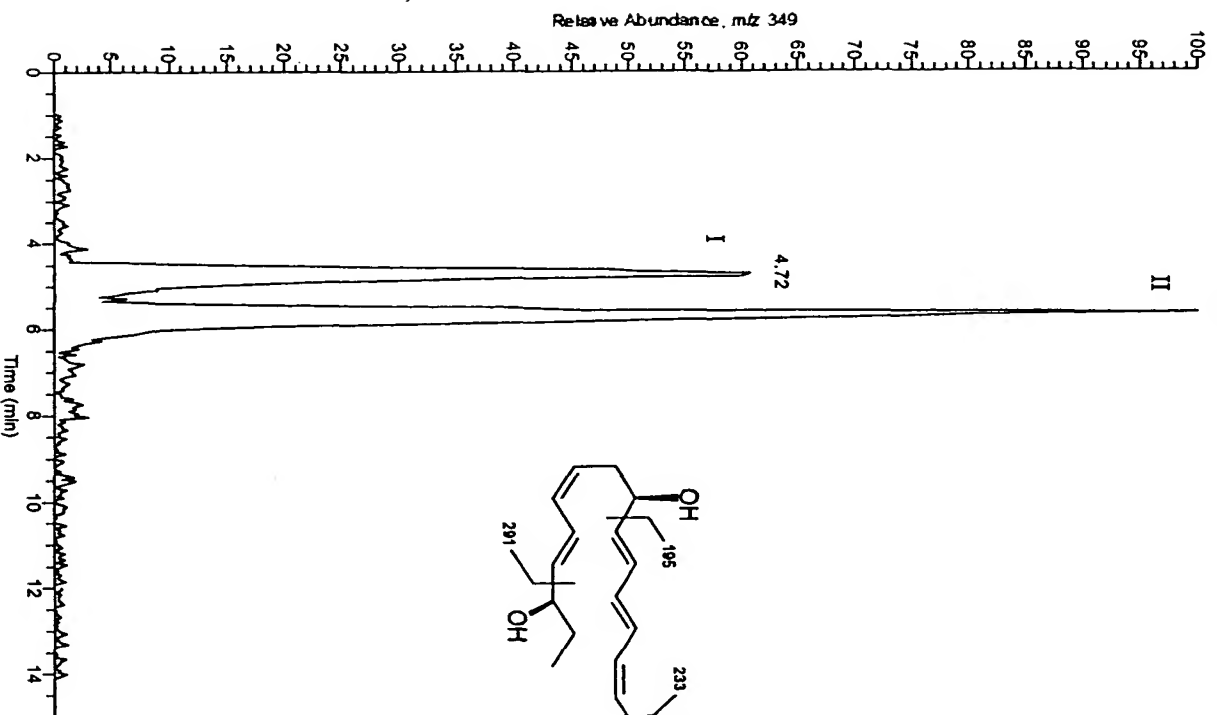
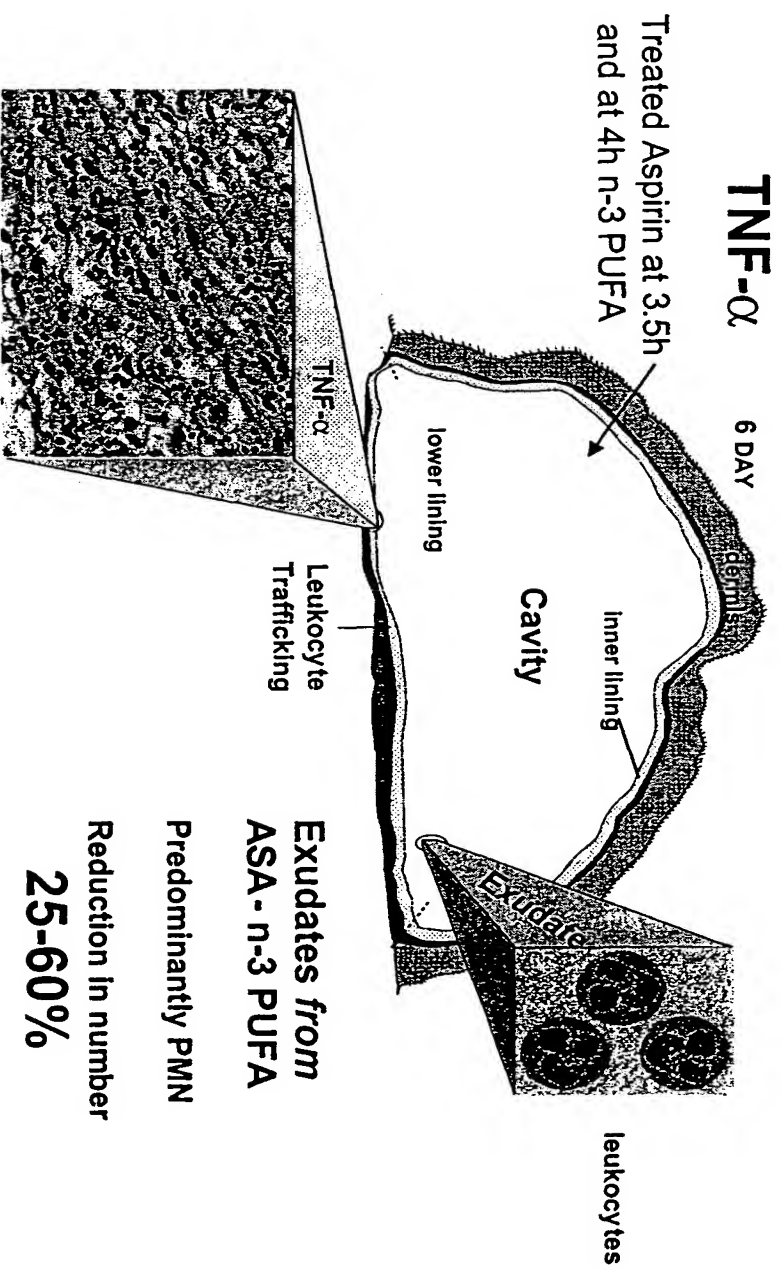
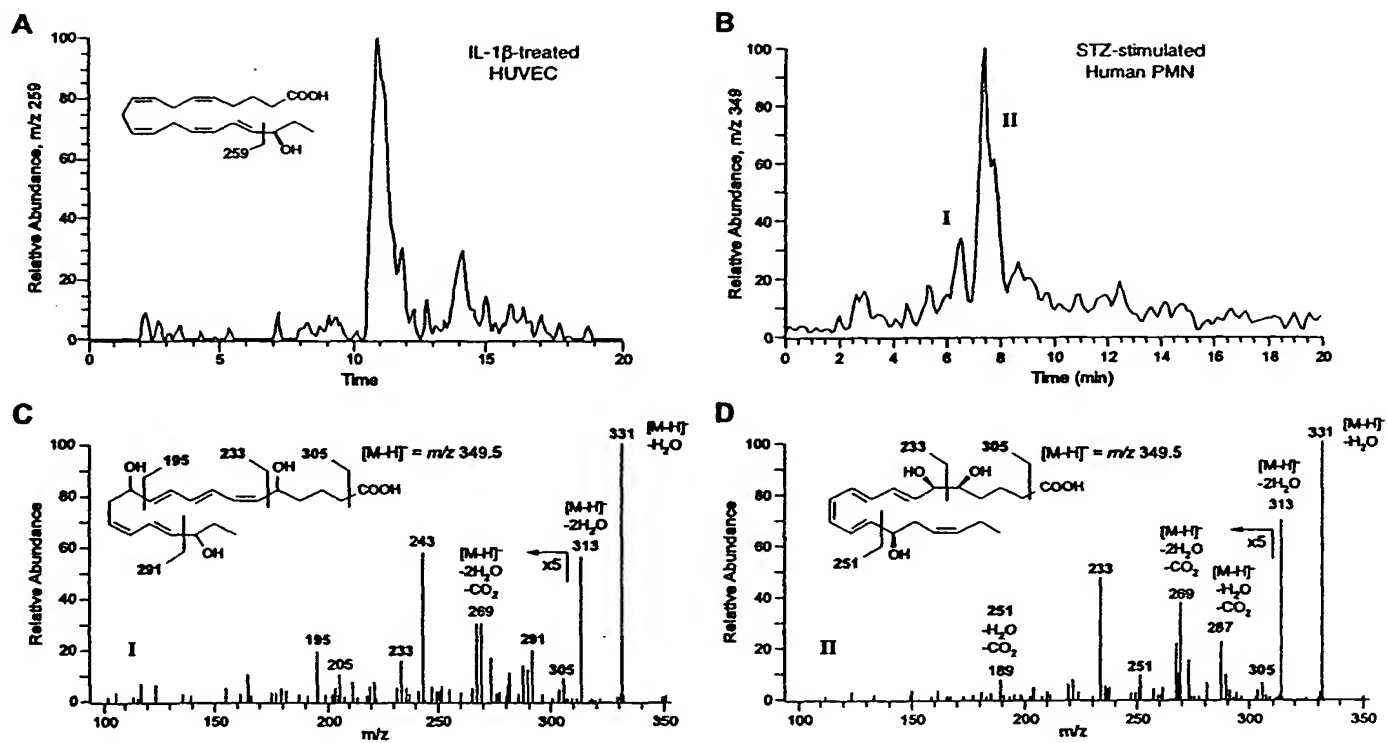




FIG. 6

## Murine Dorsal Air Pouch





**FIG. 7**

**FIG. 8**

**Mono-HEPES: Enzymatic Products from Acetylated COX 2 and EPA**

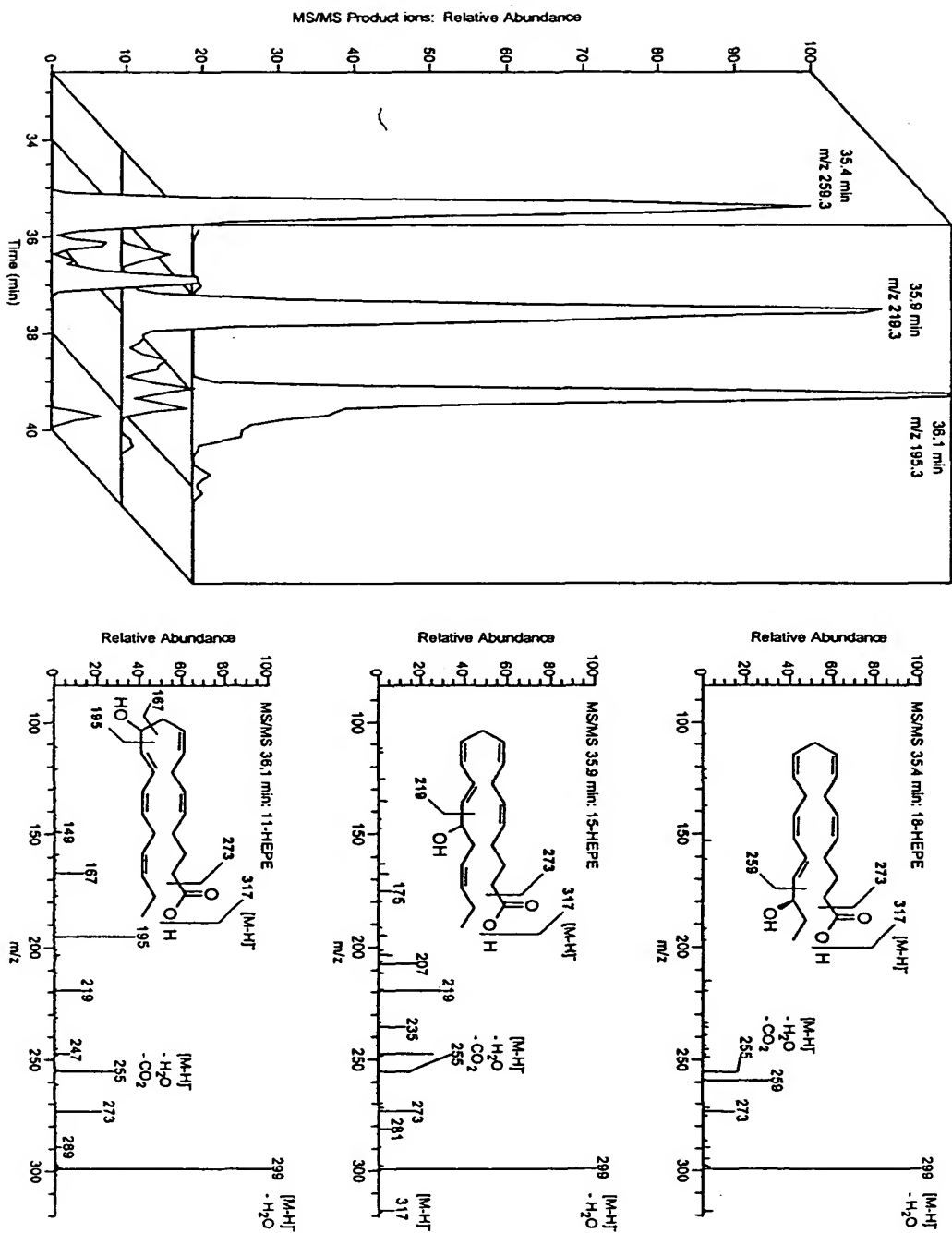


FIG. 9

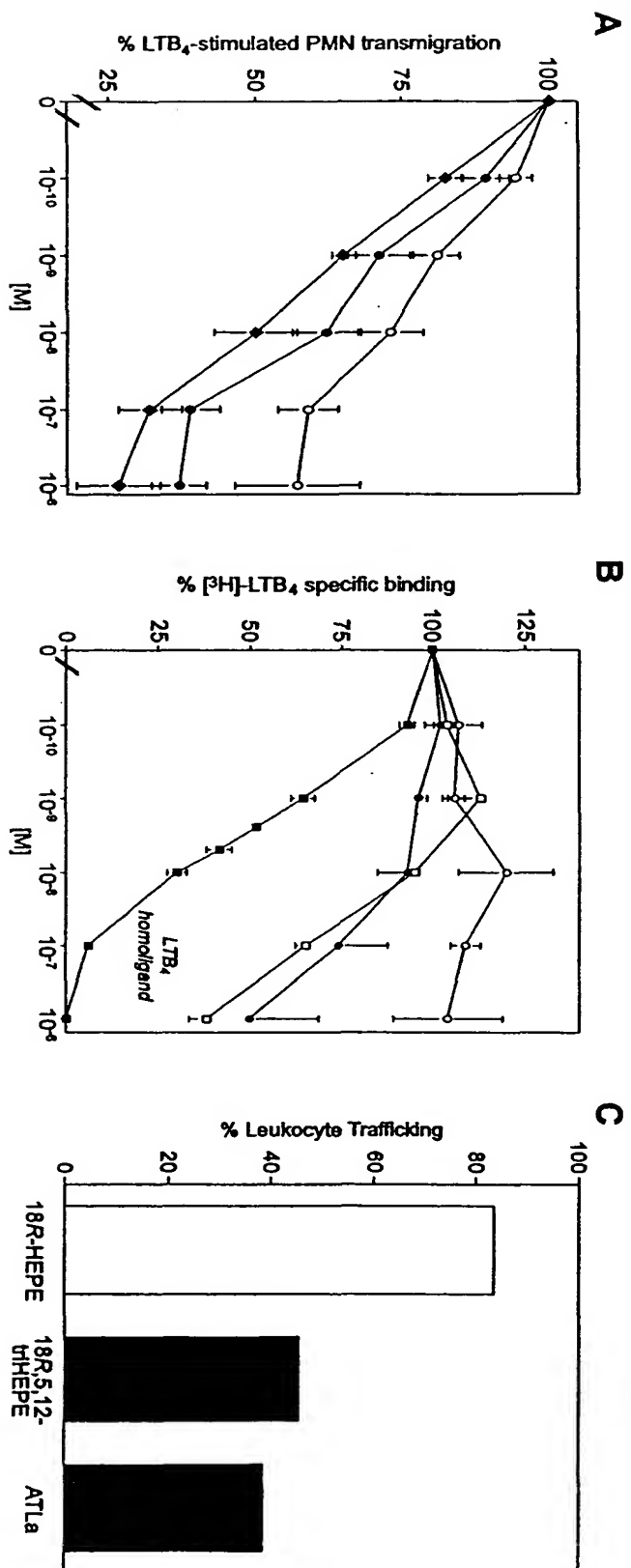
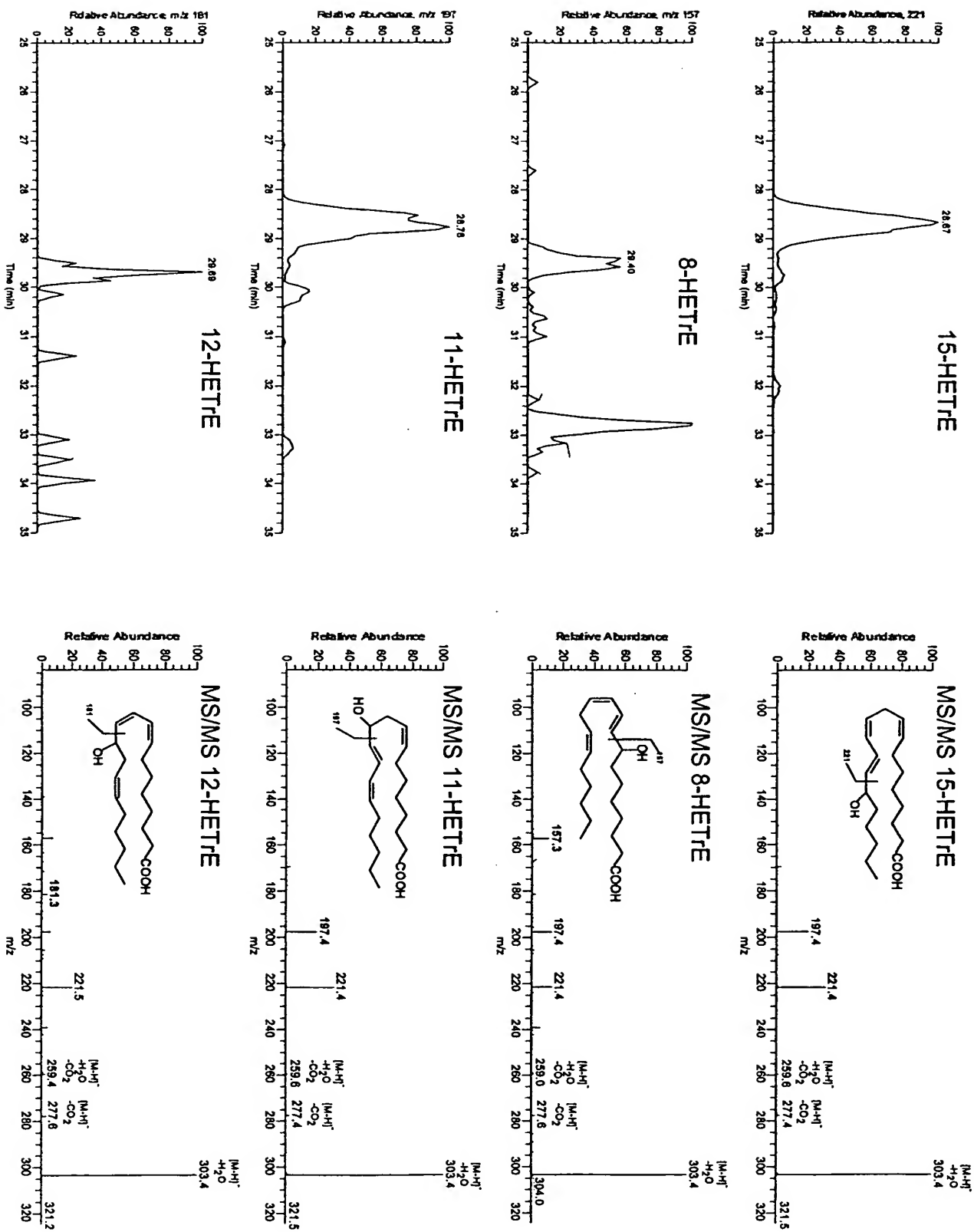
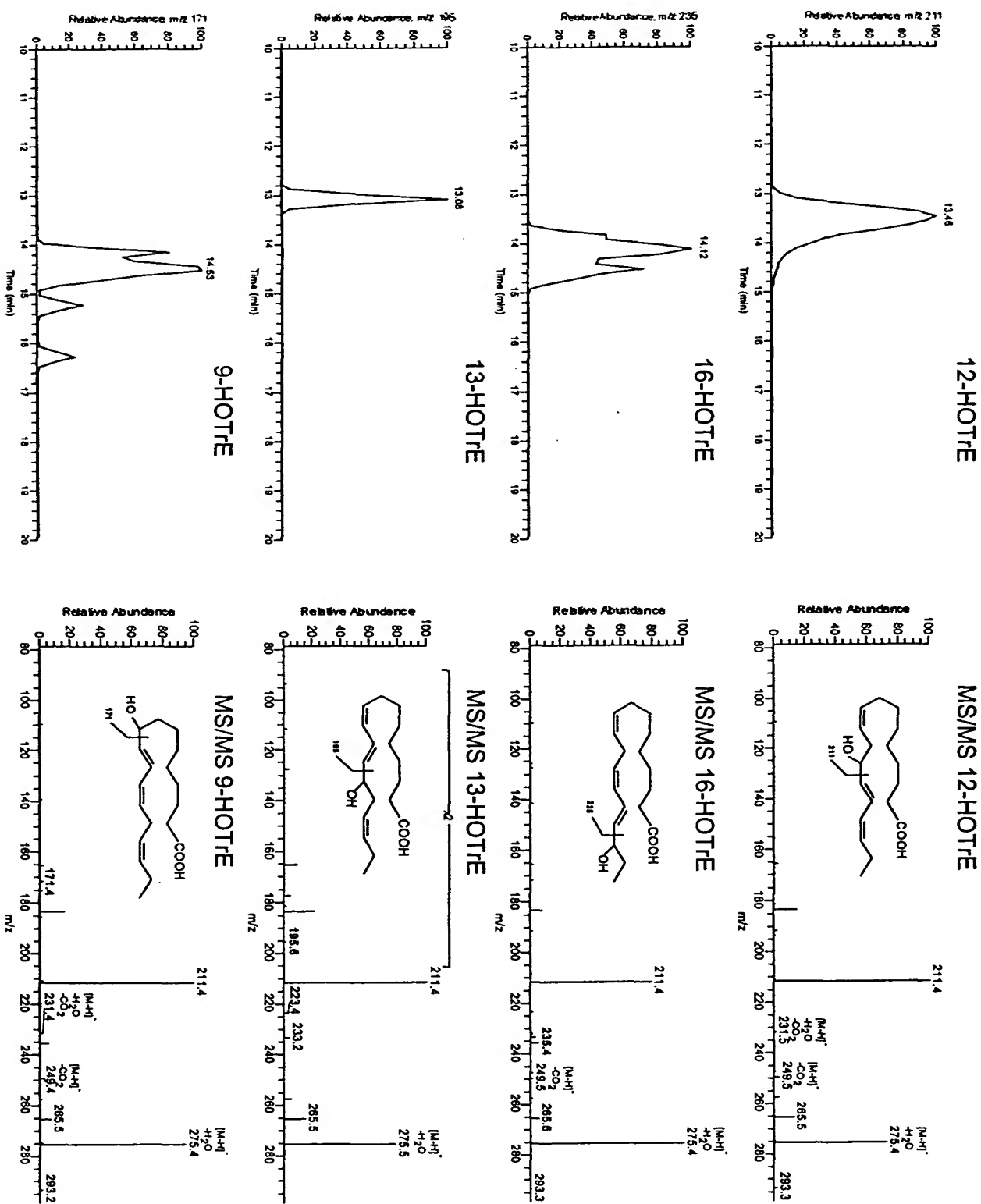


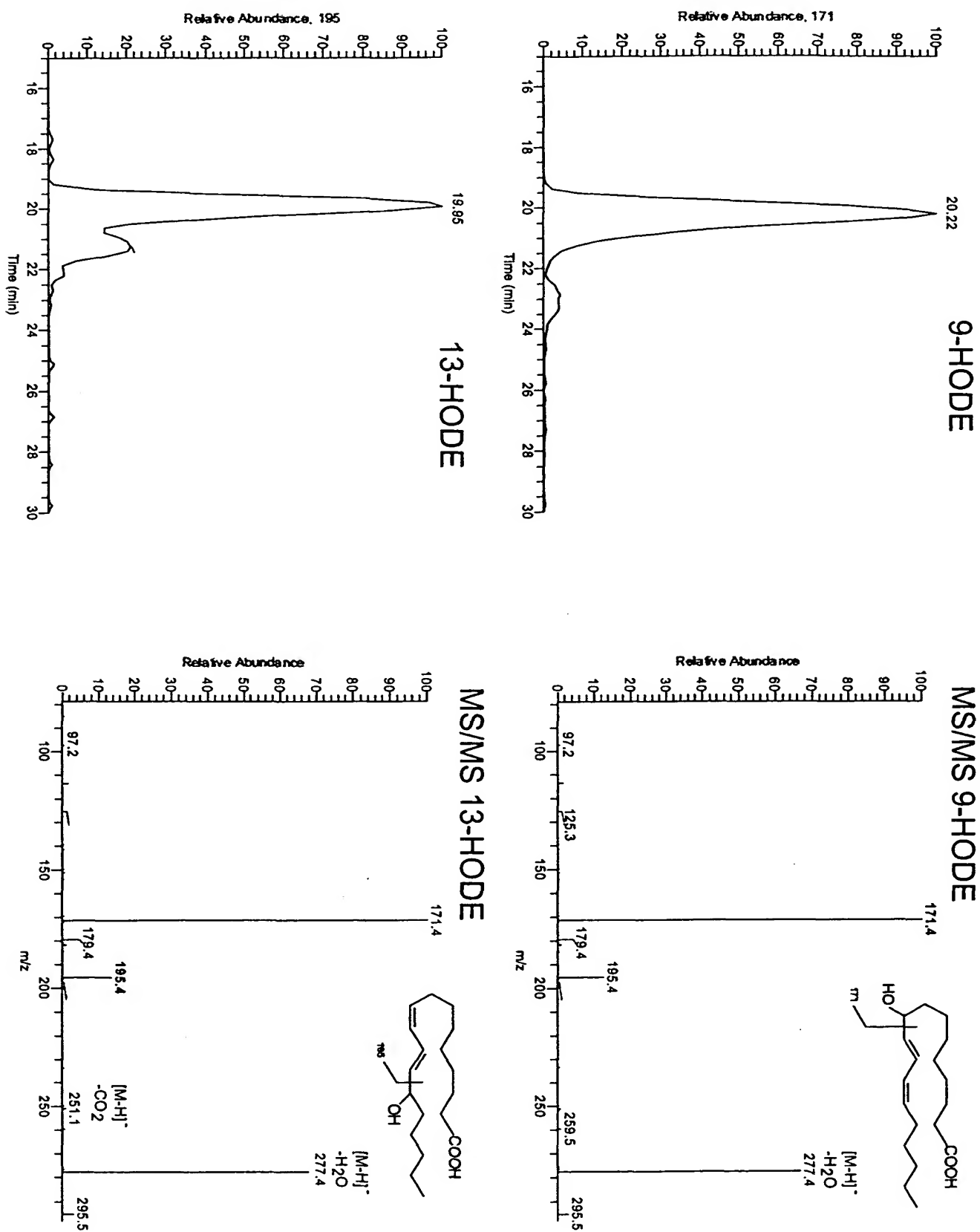
FIG. 10A



**FIG. 10B**



**FIG. 10C**



**FIG. 11**

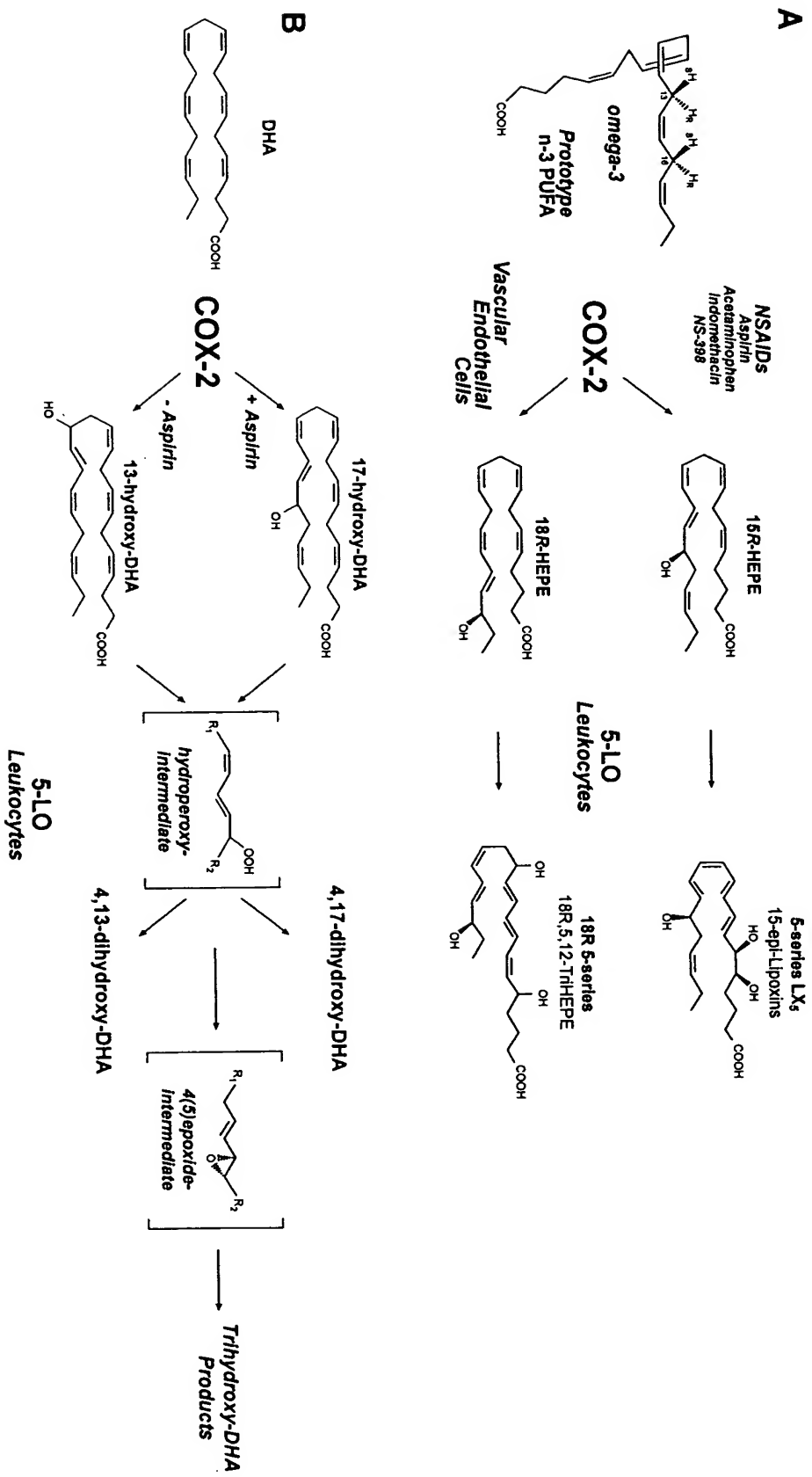
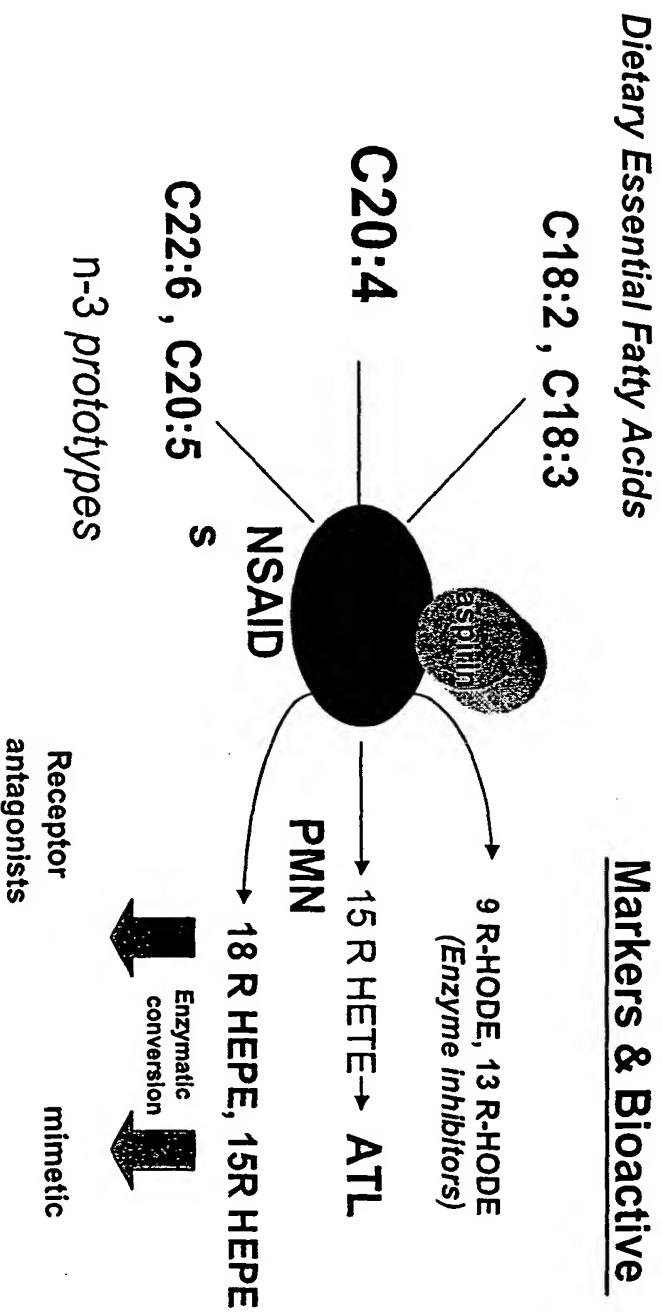
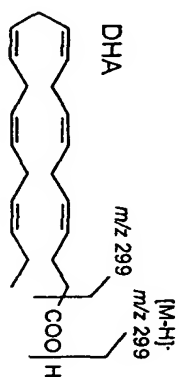




FIG. 12

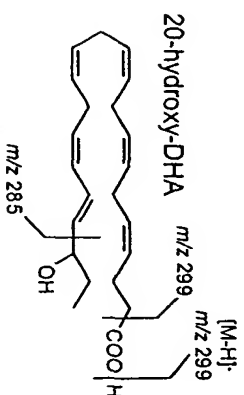
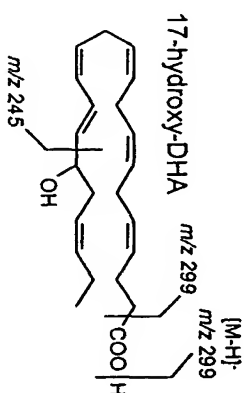
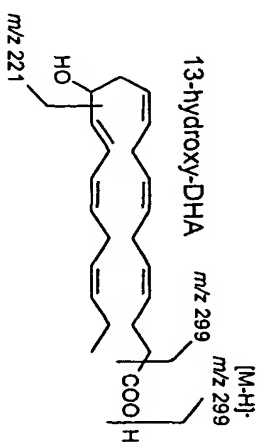
# Aspirin Triggered / NSAIDs : New Pathways



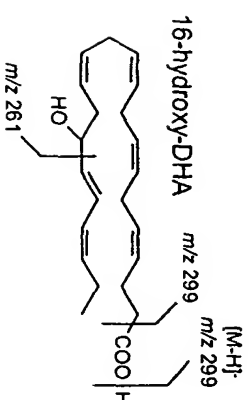
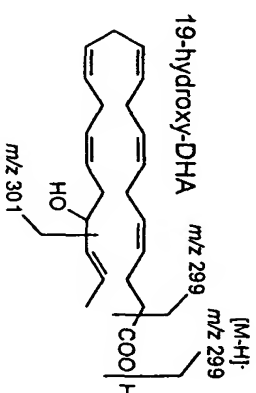
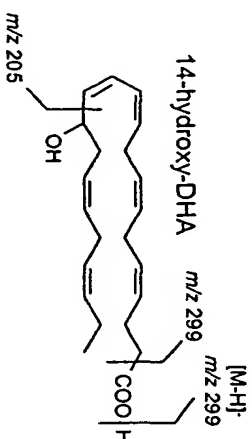


**FIG. 13**

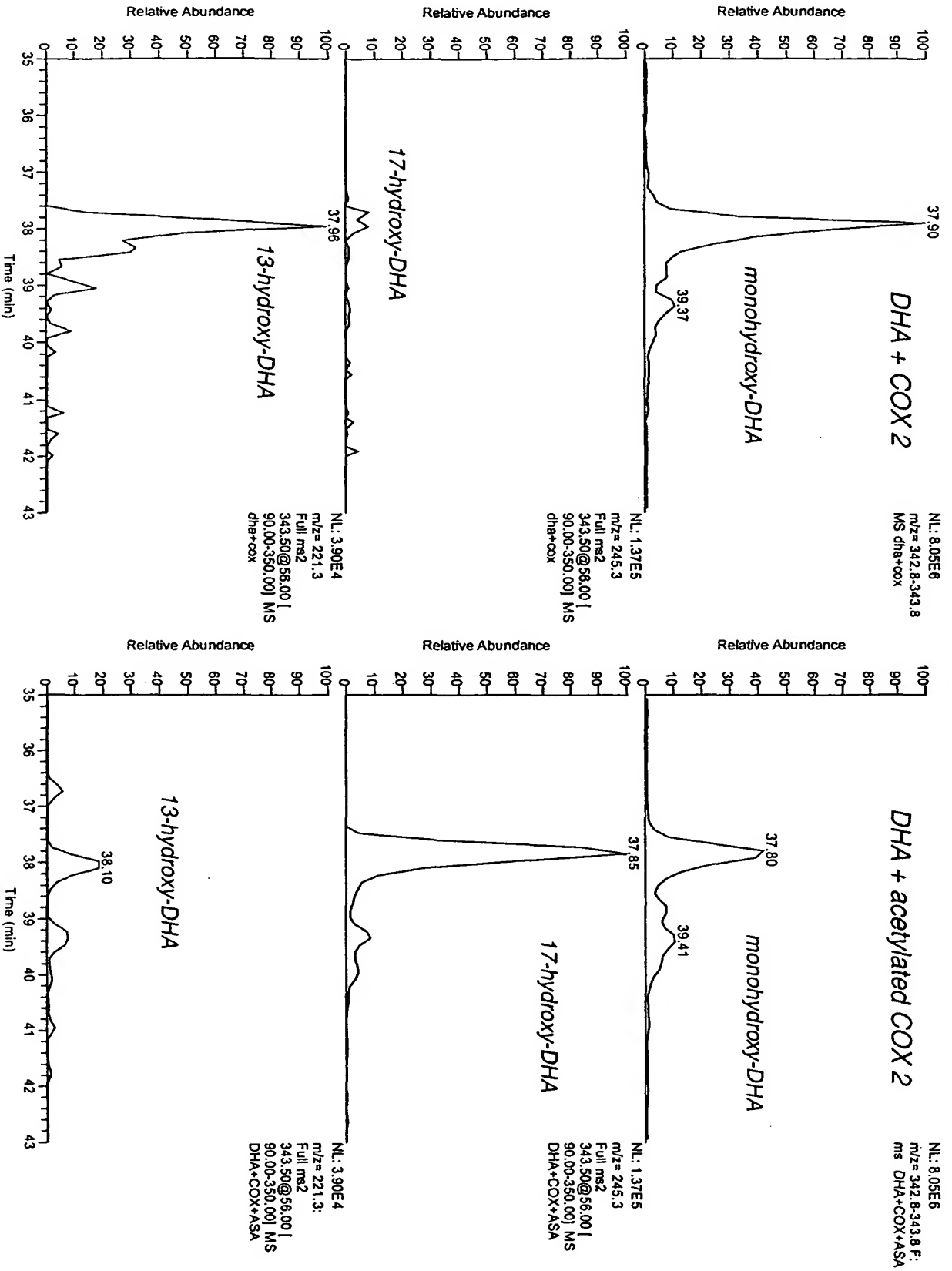
### Major Products

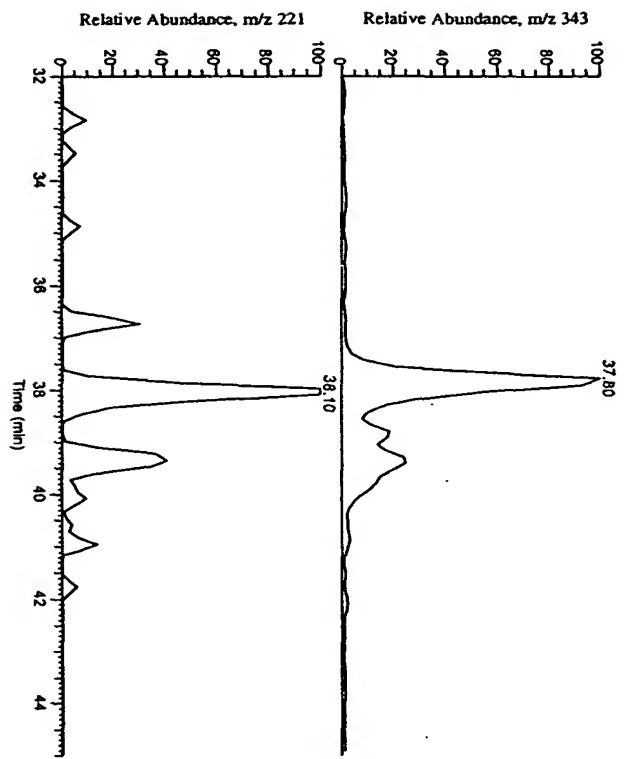


### Minor Products

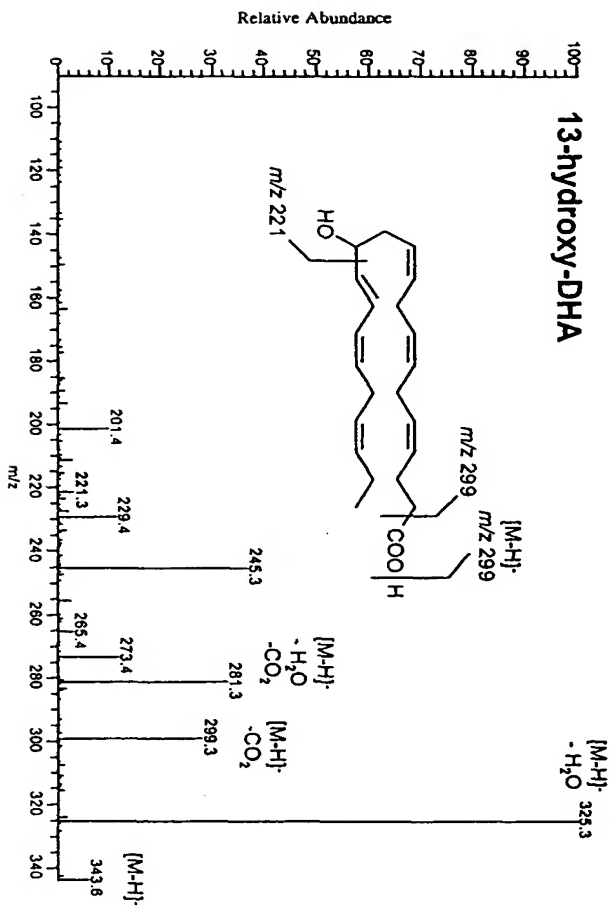


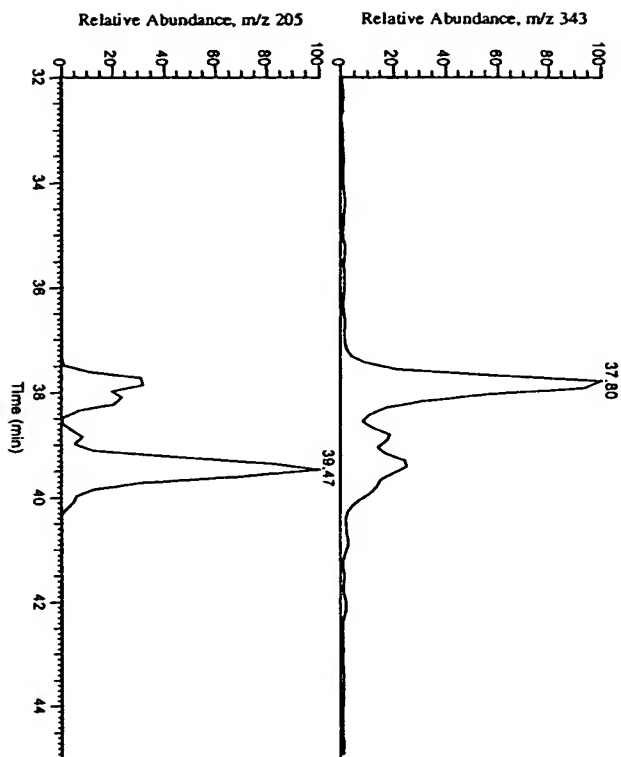
**FIG. 14A**



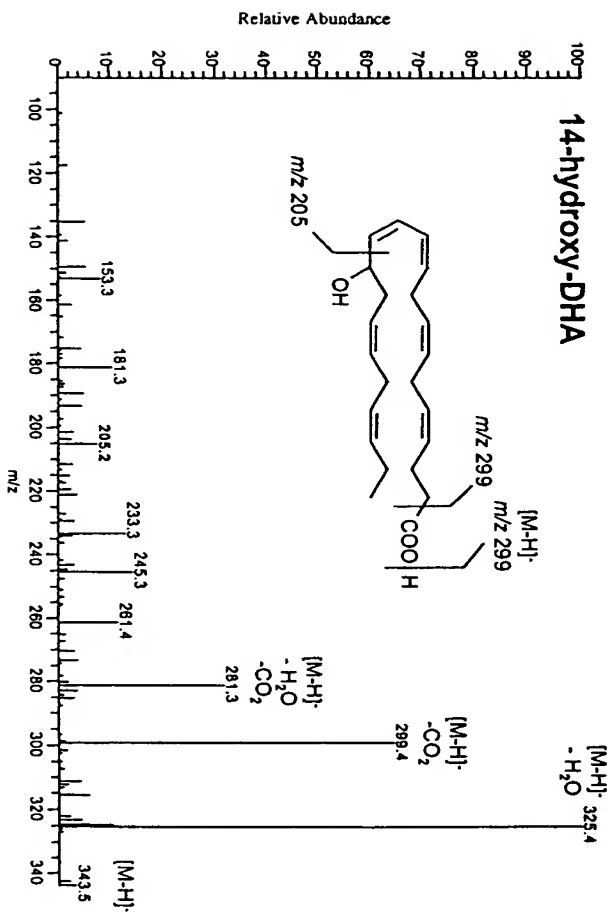


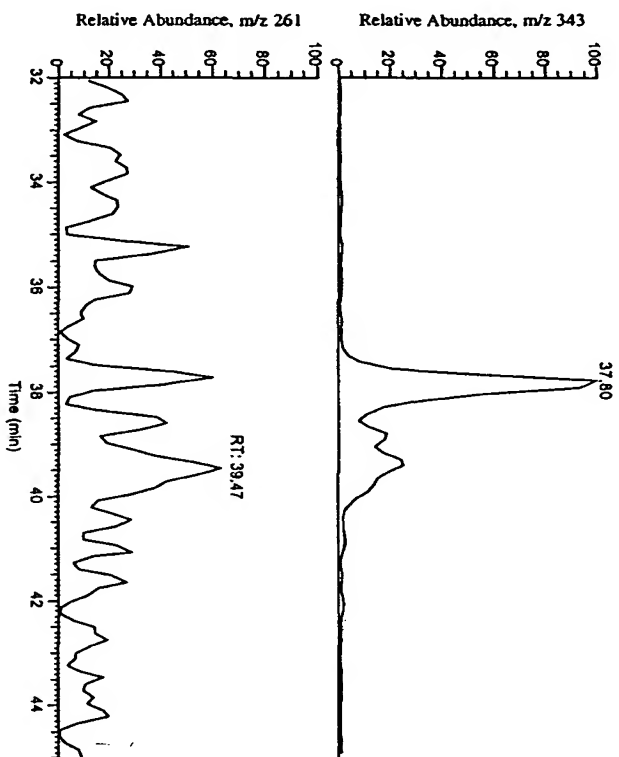
**FIG. 14B**



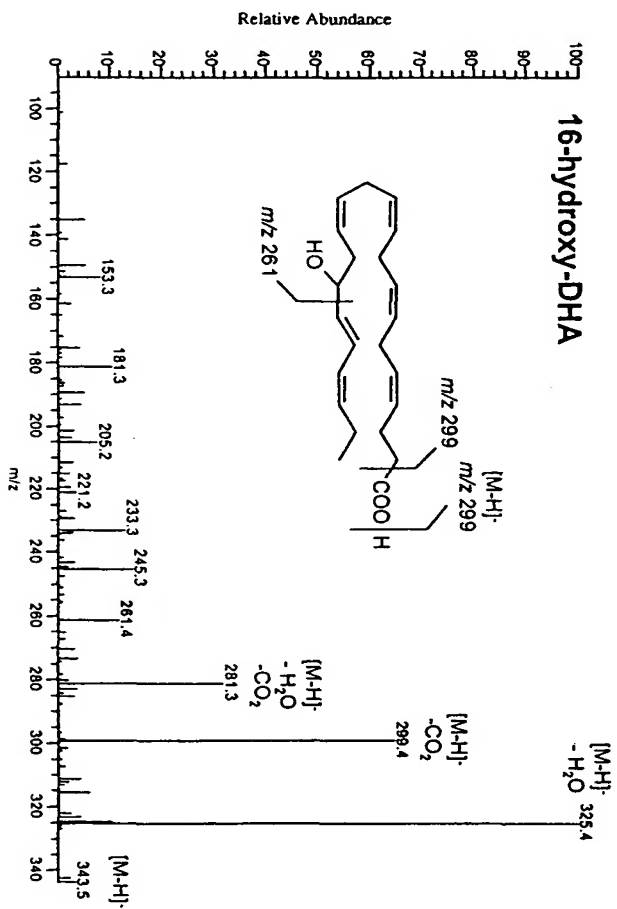


**FIG. 14C**





**FIG. 14D**



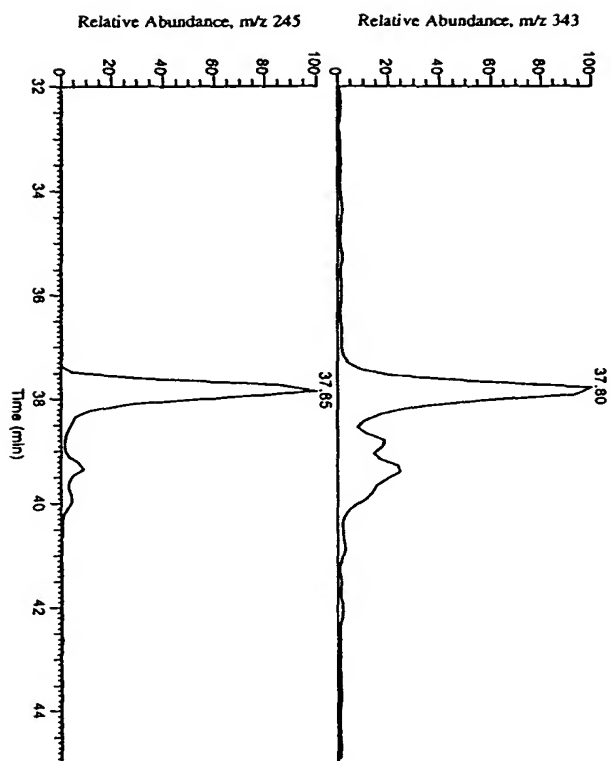
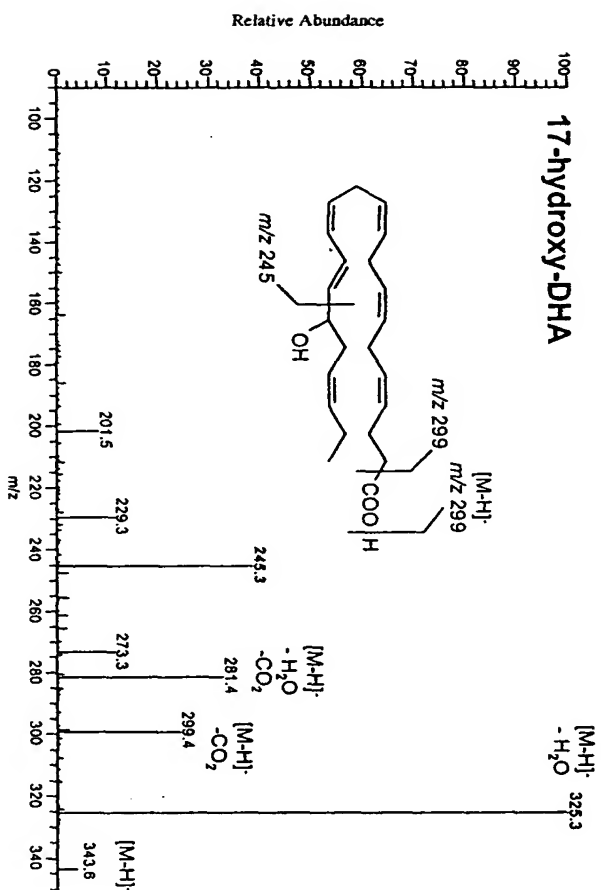
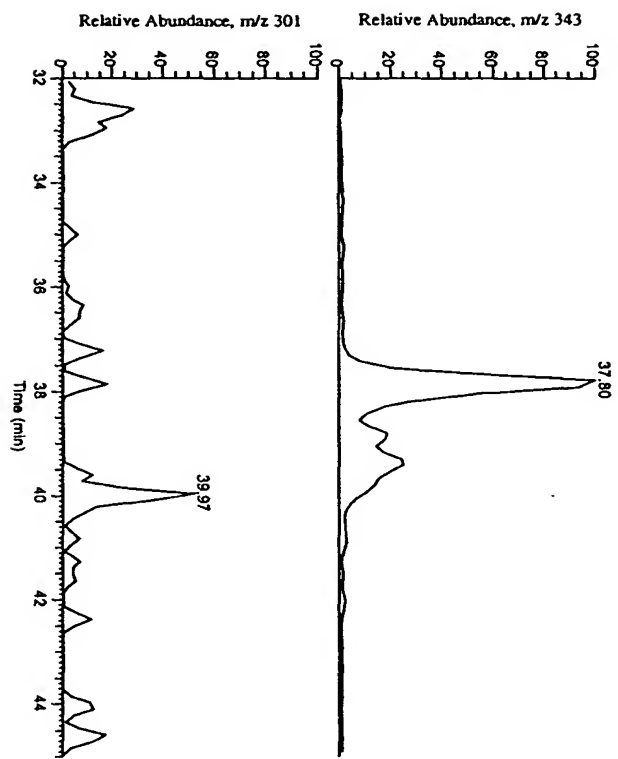
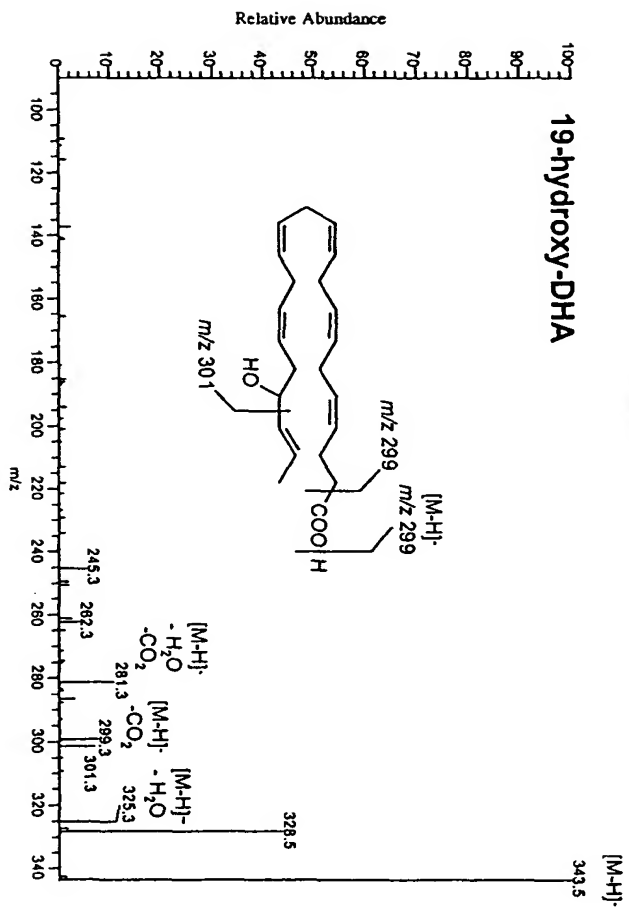


FIG. 14E

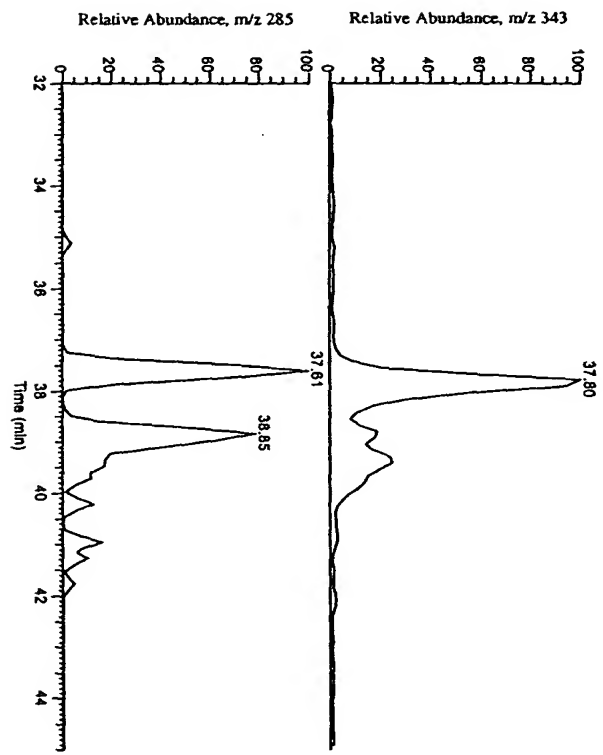




**FIG. 14F**







**FIG. 14G**

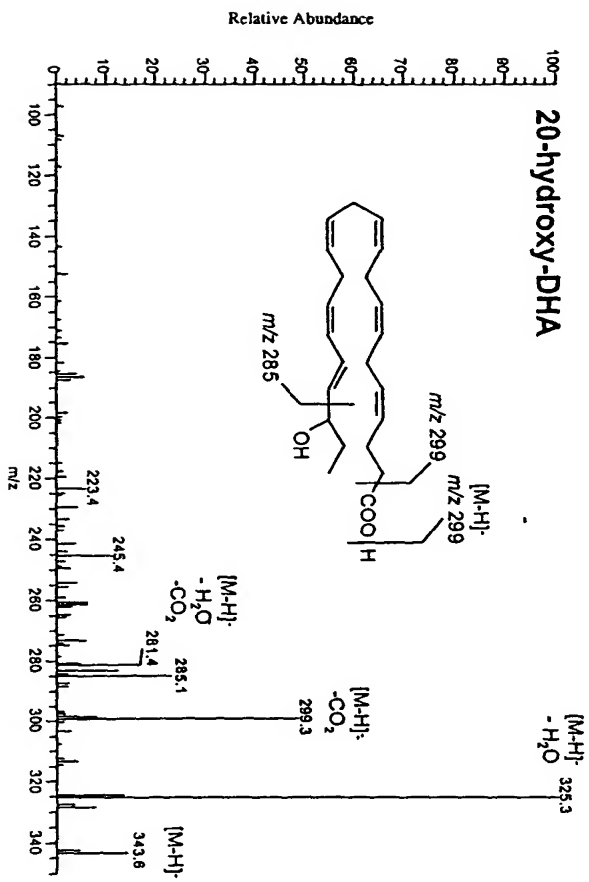


FIG. 15

# PUFA & ASA-COX-2

